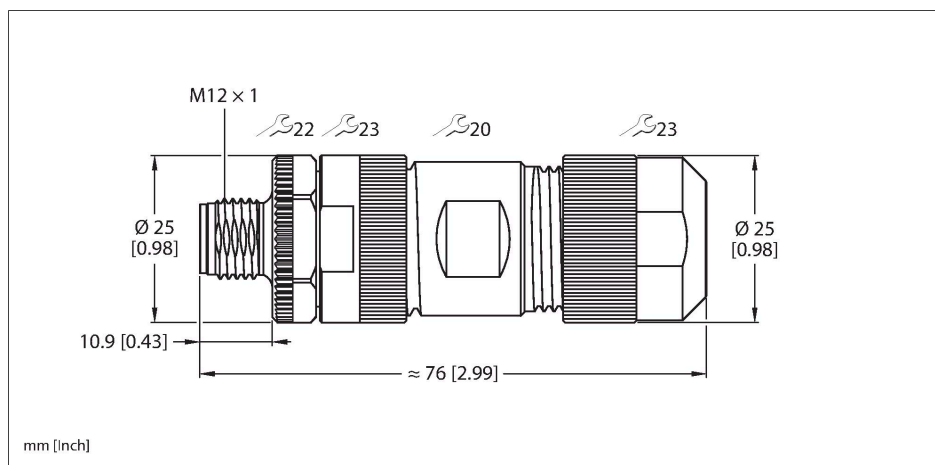


FW-ERSPM0514-PL-S-0813

Field-Wireable Connector – M12 Power Male Connector M12 × 1, Straight



Technical data

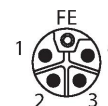
Type	FW-ERSPM0514-PL-S-0813
ID	100008140
Connector A	Male, M12 × 1, Straight, L-code
Number of contacts	4+FE
Contacts	CuZn, Gold-plated
Contact carriers	Plastic, PA UL94-V0, Gray
Connector body	Plastic, Black
Coupling nut	Die-cast Zinc, GD-Zn, Nickel-plated
Acceptable cable diameter	8...13 mm
Core cross-section/Clamping ability	0.75...2.5 mm²
Connection mode	Screw/clamp connection
Mechanical life	> 100 Mating cycles
Protection class (When coupled)	IP67, (screwed together)
Electrical properties at +20 °C	
Rated voltage	50 V _{AC} /63 V _{DC}
Current	16 A
Mechanical and chemical properties	
Ambient temperature range (static)	-40...+85 °C
Approvals	cULus recognized

Features



- L-coding
- Metal retaining screw
- Screw-clamp terminal
- 5-pin (4+FE)
- Cable feedthrough: 8.0...13.0 mm
- Terminal capacity:
 - Max. 1.5 mm² or 16 AWG (with cable end sleeve)
 - Max. 2.5 mm² or 14 AWG (without cable end sleeve)

Contact assignment



Derating Curve

